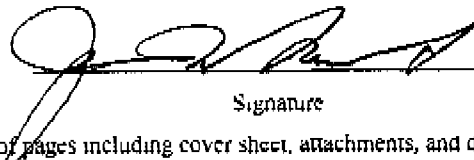


RECORDATION FORM COVER SHEET PATENTS ONLY

Docket No.: 1884.2057-001

To the Director of the U.S. Patent and Trademark Office. Please record the attached documents or the new address(es) below.

<p>1. Name of conveying party(ies)/Execution Date(s).</p> <p>NEIL J. GOLDFINE / 02/09/2007</p> <p>VLADIMIR A. ZILBERSTEIN / 05/22/2007</p> <p>VOLKER WEISS / 05/14/2007</p> <p>YANKO K. SHEIRETOV / 05/02/2007</p> <p>/</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: JENTEK SENSORS, INC.</p> <p>Internal Address: _____</p> <p>Street Address: 110-1 CLEMATIS AVENUE</p>
<p>3. Nature of conveyance.</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p>	<p>City: WALTHAM</p> <p>State: MASSACHUSETTS</p> <p>Country: USA Zip: 02453-7013</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>4. Application number(s) or patent number(s).</p> <p>A. Patent Application No.(s)</p> <p>11/653,067</p>	<p><input type="checkbox"/> This document is being filed together with a new application.</p> <p>B. Patent No (s)</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: JAMES M. SMITH, ESQ.</p> <p>Internal Address: _____</p> <p>HAMILTON, BROOK, SMITH & REYNOLDS, P.C.</p> <p>Street Address: 530 VIRGINIA ROAD, P.O. BOX 9133</p> <p>City: CONCORD State: MA ZIP: 01742-9133</p> <p>Phone No. 978-341-0036 Fax No 978-341-0136</p> <p>Email Address: JIM.SMITH@HBSR.COM</p>	<p>6. Total number of applications and patents involved. 1</p> <p>7. Total Fee (37 CFR 1.21(h) & 3.41) \$40</p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorization to charge deposit account number 08-0380</p> <p><input type="checkbox"/> Previously submitted - Doc. ID No. []</p> <p><input checked="" type="checkbox"/> Authorized to charge any deficiencies or credit any overpayment to deposit account number 08-0380</p> <p>Do not attach a copy of this page if paying by deposit account and filing via facsimile.</p> <p>Attach a copy of this page if paying by deposit account and filing via mail</p>
<p>8. JAMES M. SMITH</p> <p>Name of Person Signing</p>	<p></p> <p>Signature</p> <p>5/30/07</p> <p>Date</p> <p>Total number of pages including cover sheet, attachments, and documents. 5</p>

729144_1

CH \$40.00 080380 11653067

Docket No. 1884.2057-001

JointASSIGNMENT

WHEREAS, we, Neil J. Goldfine, Vladimir A. Zilberstein, Volker Weiss, and Yanko K. Sheiretov, have invented a certain improvement in Remaining Life Prediction for Individual Components from Sparse Data, described in an application for Patent,

- ☐ the specification of which is about to be filed in the United States Patent Office *(use for utility (37 CFR § 1.53(b)) and design filings only)*;
- ☐ is about to be filed in the United States Patent Office as a Provisional Application;
- ☒ the specification of which is United States Application No. **11/653,067**, filed **January 12, 2007**;
- ☐ the specification of which is a Patent Cooperation Treaty Application, International Application No. [], filed [], which designates the United States of America [and assigned United States Application No. []];
- ☐ which was patented under United States Patent No. [].

WHEREAS, JENTEK Sensors, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at 110-1 Clematis Avenue, Waltham, Massachusetts, 02453-7013, desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein, I hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

- 2 -

Docket No. 1884.2057-001

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature _____

Neil J. Goldfine

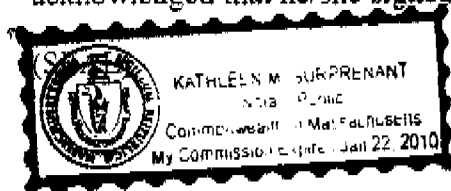
State/Commonwealth

of MassachusettsCounty of Worcester

On this 9th day of February 2007, before me, the undersigned notary public, personally appeared Neil J. Goldfine,

☒ personally known to me, or☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

Notary Public Kathleen M. SurprenantKathleen M. Surprenant (print name)My Commission expires 1 / 22 / 2010

- 3 -

Docket No. 1884.2057-001

Inventor's Signature: _____

V. Zilberstein
Vladimir A. Zilberstein

State/Commonwealth

of MassachusettsCounty of MiddlesexOn this 22nd day of May 2007, before me, the undersigned notary public, personally appeared Vladimir A. Zilberstein,☒ personally known to me, or☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

Notary Public Kathleen M. SurprenantKathleen M. Surprenant (print name)My Commission expires 1/22/2010

Inventor's Signature: _____

Volker Weiss
Volker Weiss

State/Commonwealth

of MarylandCounty of MontgomeryOn this 14th day of May 2007, before me, the undersigned notary public, personally appeared Volker Weiss,☒ personally known to me, or☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public Tina Hawks BuchananTINA HAWKS BUCHANAN (print name)My Commission expires 1/9/10

- 4 -

Docket No 1884.2057-001

Inventor's Signature: Yanko K. Sheiretov
Yanko K. Sheiretov

State/Commonwealth
of Massachusetts
County of Middlesex

On this 2nd day of May 2007, before me, the undersigned notary public, personally appeared Yanko K. Sheiretov,

- ☒ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.



Notary Public Kathleen M. Surprenant
Kathleen M. Surprenant (print name)
My Commission expires 1/22/2010

702048_1